

14.

Atty. Dkt. No. 072827-0372

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Alan L. Mueller, et al.

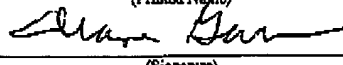
Title: Compounds Active at a Novel Site  
on Receptor-Operated Calcium  
Channels Useful for Treatment of  
Neurological Disorders and  
Diseases

Appl. No.: 10/797,355

Filing Date: March 9, 2004

Examiner: A. Pryor

Art Unit: 1616

<b>CERTIFICATE OF FACSIMILE TRANSMISSION</b>
I hereby certify that this paper is being facsimile transmitted to the United States Patent and Trademark Office, Alexandria, Virginia on the date below.
<b>DIANE GARCIA</b> (Printed Name)
 (Signature)
<b>July 26, 2005</b> (Date of Deposit)

**TERMINAL DISCLAIMER**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Your Petitioner, NPS Pharmaceuticals, Inc., having its principal place of business at 383 Colorow Drive Way, Salt Lake City, Utah 84108, represents that it is the owner of the entire right, title, and interest in and to U.S. Patent Application Serial No. 10/797,355, filed 2/23/2004, which is a continuation of co-pending U.S. Application No. 09/825,373 filed on April 2, 2001; which is a continuation of U.S. Application No. 09/186,341 filed November 4, 1998, now U.S. Patent No. 6,211,245; which is a continuation of U.S. Application No. 08/873,011, filed June 11, 1997, now abandoned; which is a continuation-in-part of U.S. Application No. 08/869,154, filed June 4, 1997, now abandoned; which is a continuation-in-part of U.S. Application No. 08/763,480, filed December 11, 1996, now U.S. Patent No. 6,017,965; which is a continuation-in-part of U.S. Application Ser. No. 08/663,013, filed June 7, 1996, now abandoned; which is a continuation-in-part of U.S. Application Ser. No. 08/485,038, filed June 7,

07/29/2005 CCHAU1 00000001 500872 10797355

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023.272442.1

Atty. Dkt. No. 072827-0372

1995, now U.S. Patent No. 6,071,970; which is a continuation-in-part and a National Stage application of International Patent Application No. PCT/US94/12293 (WO 95/21612), filed October 26, 1994 and designating the United States; which is a continuation-in-part of U.S. Application Serial No. 08/288,668, filed August 9, 1994, now abandoned; which is a continuation-in-part of U.S. Application Ser. No. 08/194,210, filed February 8, 1994, now abandoned, all by virtue of an Assignment recorded on July 22, 1993 on Reel/Frame 6697/0470 with the United States Patent and Trademark Office Assignment Division, a copy of which is attached hereto as APPENDIX A; and which is a continuation-in-part of U.S. Serial No. 08/014,813, filed February 8, 1993, now abandoned, by virtue of an assignment recorded on June 17, 1994 on Reel/Frame 7007/0967, with the United States Patent and Trademark Office Assignment Division, a copy of which is also attached hereto as APPENDIX A.

Further, your Petitioner represents that it is the owner of U.S. Patent No. 6,211,245, which issued on April 3, 2001, U.S. Patent Application No. 09/186,341, filed November 4, 1998, which is a continuation of U.S. Application No. 08/873,011, filed June 11, 1997, now abandoned; which is a continuation-in-part of U.S. Application No. 08/869,154, filed June 4, 1997, now abandoned; which is a continuation-in-part of U.S. Application No. 08/763,480, filed December 11, 1996, now U.S. Patent No. 6,017,965; which is a continuation-in-part of U.S. Application Ser. No. 08/663,013, filed June 7, 1996, now abandoned; which is a continuation-in-part of U.S. Application Ser. No. 08/485,038, filed June 7, 1995, now U.S. Patent No. 6,071,970; which is a continuation-in-part and a National Stage application of International Patent Application No. PCT/US94/12293 (WO 95/21612), filed October 26, 1994 and designating the United States; which is a continuation-in-part of U.S. Application Serial No. 08/288,668, filed August 9, 1994, now abandoned, all by virtue of an Assignment recorded on July 22, 1993 on Reel/Frame 6697/0470 with the United States Patent and Trademark Office Assignment Division, a copy of which is attached hereto as APPENDIX A; and which is a continuation-in-part of U.S. Serial No. 08/014,813, filed February 8, 1993, now abandoned, by virtue of an assignment recorded on June 17, 1994 on Reel/Frame 7007/0967, with the United

Atty. Dkt. No. 072827-0372

States Patent and Trademark Office Assignment Division, a copy of which is also attached hereto as APPENDIX A.

Your Petitioner, NPS Pharmaceuticals, Inc., hereby disclaims the terminal part of the term of any patent granted on the above identified patent application which would extend beyond the full statutory term, as presently shortened by any terminal disclaimer, of U.S. Patent 6,211,245, and hereby agrees that any patent so granted on the above identified patent application shall be enforceable only for and during such period that the legal title to U.S. Patent 6,211,245 shall be the same as the legal title to any patent granted on the above identified patent application, this agreement to run with any patent granted on the above identified patent application and to be binding upon the grantee, its successors or assigns.

In making the above disclaimer, Petitioner does not disclaim any terminal part of any patent granted on the above identified patent application, prior to the full statutory term of U.S. Patent 6,211,245 as defined in 35 U.S.C. §§154-156 and 173, in the event that U.S. Patent 6,211,245 expires for failure to pay a maintenance fee, is held unenforceable or is found invalid in a final judgment by a court of competent jurisdiction, is statutorily disclaimed in whole or terminally disclaimed under 37 CFR §1.321(a), has all claims canceled by a reexamination certificate or as a result of an interference proceeding, or is otherwise not deemed to provide the rights conveyed by 35 USC §154, prior to the full statutory term of U.S. Patent 6,211,245 as defined in 35 USC §§154-156 and 173, except for the separation of legal title stated above. Further, Petitioner does not disclaim any terminal part of a patent granted on the above identified patent application that would extend beyond the present termination of U.S. Patent 6,211,245, in the event that such present term is extended by virtue of compliance with the conditions for term extension of any present or future patent term extension provisions of the patent law, including but not limited to 35 U.S.C. §§155, 155A or 156, and without waiving Petitioner's right to extend the term of a patent granted on the above identified patent application to the extent provided by law.

Atty. Dkt. No. 072827-0372

The undersigned, being the Attorney of Record for the above identified patent application, and duly authorized to act on behalf of Petitioner, certifies that he has reviewed the Assignment attached at APPENDIX A, and to the best of his knowledge and belief, legal title to the above identified patent application and U.S. Patent 6,211,245 rests with Petitioners, NPS Pharmaceuticals, Inc.. The undersigned declares that all statements made herein of his own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the above-identified application or any patent issuing there from.

Respectfully submitted,

Date

July 26, 2005

FOLEY &amp; LARDNER LLP

Customer No. 33588

Telephone: 858-847-6700

Facsimile: 858-792-6773

By

Barry S. Wilson

Barry S. Wilson

Attorney for Applicant

Registration No. 39,431



US006211245B1

(12) **United States Patent**  
Mueller et al.

(10) Patent No.: **US 6,211,245 B1**  
(45) Date of Patent: **Apr. 3, 2001**

- (54) **COMPOUNDS ACTIVE AT A NOVEL SITE ON RECEPTOR-OPERATED CALCIUM CHANNELS USEFUL FOR TREATMENT OF NEUROLOGICAL DISORDERS AND DISEASES**
- (75) Inventors: **Alan L. Mueller; Scott T. Moe**, both of Salt Lake City, UT (US)
- (73) Assignee: **NPS Pharmaceuticals, Inc.**, Salt Lake City, UT (US)
- (\*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

(21) Appl. No.: **09/186,341**

(22) Filed: **Nov. 4, 1998**

#### Related U.S. Application Data

- (63) Continuation of application No. 08/873,011, filed on Jun. 11, 1997, which is a continuation-in-part of application No. 08/869,154, filed on Jun. 4, 1997, now abandoned, which is a continuation-in-part of application No. 08/763,480, filed on Dec. 11, 1996, now Pat. No. 6,017,965, which is a continuation-in-part of application No. 08/663,013, filed on Jun. 7, 1996, now abandoned, which is a continuation-in-part of application No. 08/483,038, filed on Jun. 7, 1995, which is a continuation-in-part of application No. PCT/US94/12293, filed on Oct. 26, 1994, which is a continuation-in-part of application No. 08/288,668, filed on Aug. 9, 1994, now abandoned, which is a continuation-in-part of application No. 08/194,210, filed on Feb. 8, 1994, now abandoned, which is a continuation-in-part of application No. 08/014,813, filed on Feb. 8, 1993, now abandoned.

- (51) Int. Cl.<sup>7</sup> ..... **A61K 31/135; C07C 211/03**
- (52) U.S. Cl. .... **514/653; 514/654; 564/355; 564/360; 564/361; 564/363; 564/379**
- (58) Field of Search ..... **564/355, 360, 564/361, 363, 379; 514/653, 654**

#### (56) References Cited

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(List continued on next page.)

Primary Examiner—Richard L. Raymond

#### (57) ABSTRACT

Method and compositions for treating a patient having a neurological disease or disorder, such as stroke, head trauma, spinal cord injury, spinal cord ischemia, ischemia or hypoxia-induced nerve cell damage, epilepsy, anxiety, neuropsychiatric or cognitive deficits due to ischemia or hypoxia such as those that frequently occur as a consequence of cardiac surgery under cardiopulmonary bypass, or neurodegenerative diseases such as Alzheimer's Disease, Huntington's Disease, Parkinson's Disease, or amyotrophic lateral sclerosis (ALS).

45 Claims, No Drawings

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NO. 1757 P. 20  
17.

## APPENDIX A

XXXXXXX.XA



UNITED STATES DEPARTMENT OF COMMERCE  
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OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

DATE: 07/05/94  
TO:

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RICHARD J. WARBURG  
SAN DIEGO OFFICE  
611 WEST SIXTH STREET  
SUITE 3400  
LOS ANGELES, CA 90017

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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT ASSIGNMENT PROCESSING SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT BRANCH, NORTH TOWER BUILDING, SUITE 10C35, WASHINGTON, D.C. 20231

ASSIGNOR: MUELLER, ALAN L. DOC DATE: 04/15/94

ASSIGNOR: VANWAGENEN, BRADFORD C. DOC DATE: 04/27/94

ASSIGNOR: DELMAR, ERIC G. DOC DATE: 04/27/94

ASSIGNOR: BALANDRIN, MANUEL F. DOC DATE: 04/15/94

ASSIGNOR: MOE, SCOTT T. DOC DATE: 04/15/94

ASSIGNOR: ARTMAN, LINDA D. DOC DATE: 04/27/94

RECORDATION DATE: 06/17/94 NUMBER OF PAGES 005 REEL/FRAME 7007/0967

DIGEST : ASSIGNMENT OF ASSIGNORS INTEREST

ASSIGNEE:  
NPS PHARMACEUTICALS, INC.  
420 CHIPETA WAY  
SUITE 240  
SALT LAKE CITY, UT 84108

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FOLEY 8587926773

21. NO. 1757 P. 22

7007/0967 PAGE 0002

SERIAL NUMBER 8-194210  
PATENT NUMBER

FILING DATE 02/08/94  
ISSUE DATE 00/00/00

*margaret LaSalle*

EXAMINER/PARALEGAL  
ASSIGNMENT BRANCH  
ASSIGNMENT/CERTIFICATION SERVICES DIVISION



ASSIGNMENT

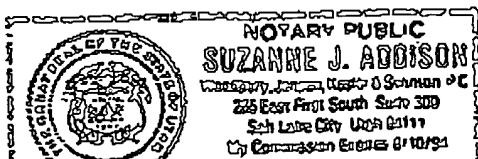
For valuable consideration, we, Alan L. Mueller of Salt Lake City, Utah;  
Bradford C. VanWagenen of Salt Lake City, Utah; Eric G. Delmar of Salt Lake City, Utah;  
Mamuel F. Balandrin of Sandy, Utah; Scott T. Moa of Salt Lake City, Utah; and Linda D.  
Artman of Salt Lake City, Utah, hereby assign to NPS PHARMACEUTICALS, INC., a  
Delaware corporation having a place of business at Salt Lake City, Utah, and its successors  
 and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest  
 throughout the world in the inventions and improvements which are the subject of an  
 application for United States Patent, Serial No. 08/194,210, filed on February 8, 1994  
 entitled COMPOUNDS ACTIVE AT A NOVEL SITE ON RECEPTOR OPERATED  
CALCIUM CHANNELS USEFUL FOR TREATMENT OF NEUROLOGICAL  
DISORDERS AND DISEASES, this assignment including said application, and any and all  
 United States and foreign patents granted for any of said inventions or improvements, and  
 the right to claim priority based on the filing date of said application under the International  
 Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the  
 European Patent Convention, and all other treaties of like purposes; and we authorize the  
 Assignee to apply in all countries in our names or in its own name for patents and like rights  
 of exclusion and for inventor's certificates for said inventions and improvements; and we  
 agree for ourselves and our respective heirs, legal representatives and assigns, without further  
 compensation to perform such lawful acts and to sign such further applications, assignments,  
 Preliminary Statements and other lawful documents as the Assignee may reasonably request  
 to effectuate fully this assignment.

IN WITNESS WHEREOF, I hereto set my hand and seal at Salt Lake City, Utah, this  
19th day of April, 1994.

Alan L. Mueller I.S.  
 FIRST MIDDLE LAST

State of Utah :  
 County of Salt Lake :  
 SS.

Before me this 19th day of April, 1994, personally appeared  
Alan L. Mueller known to me to be the person whose name is subscribed  
 to the foregoing Assignment and acknowledged that he executed the same as his free act and  
 deed for the purposes therein contained.



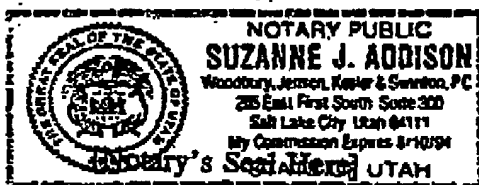
Suzanne J. Addison  
 Notary Public

IN WITNESS WHEREOF, I hereto set my hand and seal at Salt Lake City, Utah, this  
27th day of April, 1994.

Bradford C. Van Wagonen L.S.  
 FIRST MIDDLE LAST

State of Utah :  
 County of Salt Lake :  
 SS.

Before me this 27th day of April, 1994, personally appeared  
Bradford C. Van Wagonen known to me to be the person whose name is subscribed  
 to the foregoing Assignment and acknowledged that he executed the same as his free act and  
 deed for the purposes therein contained.



Suzanne J. Addison  
 Notary Public

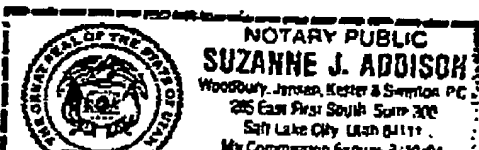
My commission expires:  
 8/21/94

IN WITNESS WHEREOF, I hereto set my hand and seal at Salt Lake City, Utah, this  
22nd day of April, 1994.

Eric B. DelMar L.S.  
 FIRST MIDDLE LAST

State of Utah :  
 County of Salt Lake :  
 SS.

Before me this 27th day of April, 1994, personally appeared  
Eric B. DelMar known to me to be the person whose name is subscribed  
 to the foregoing Assignment and acknowledged that he executed the same as his free act and  
 deed for the purposes therein contained.



Suzanne J. Addison  
 Notary Public

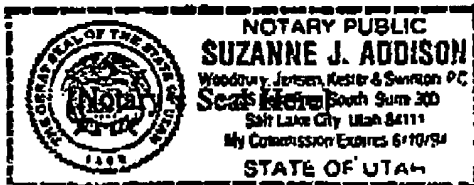
IN WITNESS WHEREOF, I hereto set my hand and seal at Salt Lake City, Utah, this  
15th day of April, 1994.

Manuel F. Balandrin L.S.  
 FIRST MIDDLE LAST

State of Utah :  
 :  
 County of Salt Lake :  
 :  
 SS.

Before me this 15th day of April, 1994, personally appeared  
Manuel F. Balandrin known to me to be the person whose name is subscribed  
 to the foregoing Assignment and acknowledged that he executed the same as his free act and  
 deed for the purposes therein contained.

Suzanne J. Addison  
 Notary Public



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 6/21/94

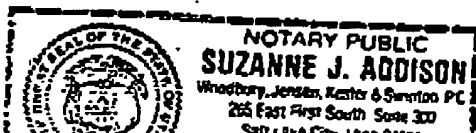
IN WITNESS WHEREOF, I hereto set my hand and seal at Salt Lake City, Utah, this  
15th day of April, 1994.

Scott T. Moe L.S.  
 FIRST MIDDLE LAST

State of Utah :  
 :  
 County of Salt Lake :  
 :  
 SS.

Before me this 15th day of April, 1994, personally appeared  
Scott T. Moe known to me to be the person whose name is subscribed  
 to the foregoing Assignment and acknowledged that he executed the same as his free act and  
 deed for the purposes therein contained.

Suzanne J. Addison  
 Notary Public



IN WITNESS WHEREOF, I hereto set my hand and seal at Salt Lake City, Utah, this  
27th day of April, 1994.

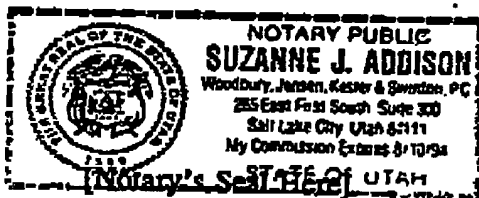
Linda D. Artman L.S.  
 FIRST MIDDLE LAST

State of Utah

County of Salt Lake

SS.

Before me this 27th day of April, 1994, personally appeared  
Linda D. Artman known to me to be the person whose name is subscribed  
 to the foregoing Assignment and acknowledged that he executed the same as his free act and  
 deed for the purposes therein contained.



Suzanne J. Addison  
 Notary Public

My commission expires:

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ASSIGNOR:  
MUELLER, ALAN L.

DOC DATE: 04/15/94

ASSIGNOR:  
VANWAGENEN, BRADFORD C.

DOC DATE: 04/27/94

ASSIGNOR:  
DELMAR, ERIC G.

DOC DATE: 04/27/94

ASSIGNOR:  
BALANDRIN, MANUEL F.

DOC DATE: 04/15/94

ASSIGNOR:  
MOE, SCOTT T.

DOC DATE: 04/15/94

ASSIGNOR:  
ARTMAN, LINDA D.

DOC DATE: 04/27/94

RECORDATION DATE: 06/17/94 NUMBER OF PAGES 005 REEL/FRAME 7007/0967

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ASSIGNEE:  
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420 CHIPETA WAY  
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SALT LAKE CITY, UT 84108

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SERIAL NUMBER 8-194210  
PATENT NUMBER

FILING DATE 02/08/94  
ISSUE DATE 00/00/00

*Connie J. Heer*

EXAMINER/PARALEGAL  
ASSIGNMENT BRANCH  
ASSIGNMENT/CERTIFICATION SERVICES DIVISION

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

1 Alan L. Mueller 2 Bradford C. VanHagenen  
3 Eric G. Delmar 4 Manuel F. Balandrin  
5 Scott T. Moe 6 Linda D. Artman  
Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 2. Name and address of receiving party(ies)

Name: NPS PHARMACEUTICALS, INC.  
Internal Address: Salt Lake City UT  
  
  
Street Address: 420 Chipeta Way  
Suite 240  
City: Salt Lake City State: UT ZIP: 84108

## 3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other

Execution Date: April 15, 1994 April 27, 1994

Additional name(s) & address(es) attached? ☒ Yes ☐ No

## 4. Application number(s) or patent number(s):

09/194,210, filed February 8, 1994

If this document is being filed together with a new application, the execution date of the application is:

Patent Application No.(s)

Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Richard J. Warburg, Esq.  
Internal Address: SAN DIEGO OFFICE  
  
  
Street Address: 611 West Sixth Street  
Suite 3400  
City: Los Angeles State: CA ZIP: 90017

## 6. Total number of applications and patents involved:

7. Total fee (37 CFR 3.41).....\$ 40.00

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## 9. Statement and signature.

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Steven M. Weiss  
Name of Person Signing

Steven M. Weiss  
Signature

June 17, 1994  
Date

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RICHARD J. WARBURG, ESQ.  
LYON & LYON  
611 WEST SIXTH STREET  
LOS ANGELES, CA 90017

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## ASSIGNOR:

MUELLER, ALAN L.

DOC DATE: 05/18/93

RECORDATION DATE: 07/22/93    NUMBER OF PAGES 002    REEL/FRAME 6697/0470

DIGEST : ASSIGNMENT OF ASSIGNORS INTEREST

## ASSIGNEE:

NPS PHARMACEUTICALS, INC.  
420 CHIPETA WAY SALT LAKE CITY, UT 84108

SERIAL NUMBER    8-014813  
PATENT NUMBER

FILING DATE    02/08/93  
ISSUE DATE    02/00/00

*Margaret J. Aballe*

EXAMINER/PARALEGAL  
ASSIGNMENT BRANCH  
ASSIGNMENT/CERTIFICATION SERVICES DIVISION

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DATE: 10/25/93  
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RICHARD J. WARBURG, ESQ.  
SAN DIEGO OFFICE  
611 WEST SIXTH STREET  
LOS ANGELES, CA 90017

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ASSIGNOR: .  
· MUELLER, ALAN L.

DOC DATE: 05/18/93

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ASSIGNEE:  
NPS PHARMACEUTICALS, INC.  
420 CHIPETA WAY SALT LAKE CITY, UT 84108

SERIAL NUMBER	8-014813	FILING DATE	02/08/93
PATENT NUMBER		ISSUE DATE	00/00/00

*P. Foster*  
EXAMINER/PARALEGAL  
ASSIGNMENT BRANCH  
ASSIGNMENT/CERTIFICATION SERVICES DIVISION

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## 1. Name of conveying party(ies):

Alan L. Mueller

## 2. Name and address of receiving party(ies):

Name: NPS PHARMACEUTICALS, INC.

Internal Address:

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other

Execution Date: May 18, 1993

Street Address: 420 Chipeta Way  
Salt Lake City, UT 84108

City: Salt Lake City State: UT ZIP: 84108

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s): 08/014,813, filed February 8, 1993

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No(s).

B. Patent No(s).

Additional numbers attached? ☐ Yes ☒ No

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## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Richard J. Warburg, Esq.

Internal Address: SAN DIEGO OFFICE

Street Address: 611 West Sixth Street

City: Los Angeles State: CA ZIP: 90017

## 6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 341): \$ 40.00

Enclosed

☒ Authorized to be charged to deposit account

## 8. Deposit Account Number:

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Richard J. Warburg

Name of Person Signing

Signature

Date

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32.

m/22

## ASSIGNMENT

For valuable consideration, I, Alan L. Mueller,  
of Salt Lake City, Utah,  
CITY OR TOWN STATE hereby assign  
to NPS PHARMACEUTICALS, INC., a  
Delaware corporation having a place of business  
at Salt Lake City, Utah  
and its successors and assigns (collectively hereinafter called "the Assignee"), the  
entire right, title and interest throughout the world in the inventions and improve-  
ments which are the subject of an application for United States Patent Serial No. 08/014,813  
filed February 8, 1993 entitled COMPOUNDS ACTIVE AT A NOVEL SITE ON  
THE NMDA RECEPTOR-IONOPHORE COMPLEX USEFUL FOR TREATMENT OF  
NEUROLOGICAL DISORDERS

this assignment including said application, any and all United States and foreign  
patents granted for any of said inventions or improvements, and the right to claim  
priority based on the filing date of said application under the International Convention  
for the Protection of Industrial Property, the Patent Cooperation Treaty, the European  
Patent Convention, and all other treaties of like purposes; and I authorize the Assignee  
to apply in all countries in my name or in its own name for patents and like rights of  
exclusion and for inventor's certificates for said inventions and improvements; and I  
agree for myself and my heirs, legal representatives and assigns, without further  
compensation to perform such lawful acts and to sign such further applications,  
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may reasonably request to effectuate fully this assignment.

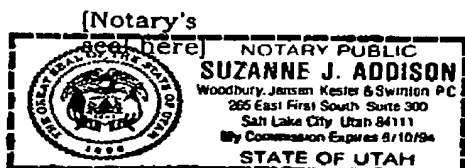
IN WITNESS WHEREOF, I hereto set my hand and seal at Salt Lake City,  
Utah, this 18<sup>th</sup> day of May, 19 93

Alan L. Mueller L.S.  
STATE OF Utah FIRST Alan MIDDLE INITIAL L. LAST Mueller  
COUNTY OF Salt Lake SS.

Before me this 18<sup>th</sup> day of May, 19 93, personally  
appeared Alan L. Mueller known to me to be  
the person whose name is subscribed to the foregoing Assignment and acknowledged  
that he executed the same as his free act and deed for the purposes therein contained.

Suzanne J. Addison  
Notary Public

My commission expires: 8-10-94



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